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10/565,312	02/23/2007	Steven Terrell Clontz	DR10-011	7384

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EXAMINER	
HO, CHUONG T	
ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/565,312	CLONTZ ET AL.	
	Examiner	Art Unit	
	CHUONG T. HO	2419	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *18 January 2006*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-21* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-8 and 11-13* is/are rejected.

7)☒ Claim(s) *9-10,14-21* is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date *10/23/06*.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

1. This office action is in response to the Application SN 11/565,312 filed on 01/18/06. Claim 1-21 are presented for examination.

Information Disclosure Statement

2. The information disclosure statement (IDS) submitted on 10/23/06 was filed. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Objections

3. Claim 9 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim in any one of claims 1 to 8. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

4. Claim 10 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim in any one of claims 1 to 9. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

5. Claim 14 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim in any one of claims 11 to 13. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

6. Claim 15 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim 14. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

7. Claim 16 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim 14. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

8. Claim 17 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim in any one of claims 11 to 16. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

9. Claim 18 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim 17. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

10. Claim 19 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim 17. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

11. Claim 20 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim in any one of claims 11 to 19. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

12. Claim 21 is objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim in any one of claims 11 to 20. See MPEP § 608.01(n). Accordingly, the claim has not been further treated on the merits.

Specification

13. This application does not contain an abstract of the disclosure as required by 37 CFR 1.72(b). An abstract on a separate sheet is required.

Drawings

14. New corrected drawings in compliance with 37 CFR 1.121(d) are required in this application because the drawing from PCT/SG2004/000214. Applicant is advised to employ the services of a competent patent draftsperson outside the Office, as the U.S.

Patent and Trademark Office no longer prepares new drawings. The corrected drawings are required in reply to the Office action to avoid abandonment of the application. The requirement for corrected drawings will not be held in abeyance.

Claim Rejections - 35 USC § 103

15. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

16. Claims 1-8, 11-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Liu et al. (Pub. No.: 2002/0141384 A1) in view of Doshi et al. (Pub. No: US 2003/0137991 A1).

Regarding to claim 1, Liu '384 disclose at a message server (figure 1, directory server) capturing the IP address and port number (figure 1, database 19) of the computer (figure 1, P.N client 28 (ab), P.N client 28 (ba), Tel 31, Internet client 22a, 22b, 22c), assigning (correlates telephone number with IP address and port number) a phone number to the IP address and port number of file computer, storing the phone number, IP address of the computer and port number of the computer in a database (figure 1, directory server 18, database 19), and sending the message to the telecommunication mobile device with the phone number (page 4, paragraph [0034) correlates telephone number with IP address and port number, paragraph [0035, the

directory server determines the IP address and port number and assigns the telephone number).

However, Liu '384 are silent to disclosing accessing a web-site via a computer, sending a message to a mobile telecommunication device from the web-site, and assigning temporary telephone number to the computer.

Doshi '991 disclose accessing a web-site via a computer, sending a message to a mobile telecommunication device from the web-site ([0046] web browser, web server the user uses the web browser to access the web server), and assigning temporary telephone number to the computer ([0056] assignment of a temporary telephone phone number for routing the call request to the destination mobile device).

Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to apply the teaching of Doshi '991 into the system of Liu '384, since Doshi '991 recited the motivation in the paragraph [0007] which enables the circuit switched portion of a call to be minimized.

Regarding claim 2, Liu '384 disclose the limitations of claim 1 above.

However, Liu '384 are silent to disclosing wherein a set number of temporary phone numbers' are available for assigning. by the message server

Doshi '991 disclose wherein a set number of temporary phone numbers' are available for assigning. by the message server ([0046] web browser, web server the user uses the web browser to access the web server), and assigning temporary

telephone number to the computer ([0056] assignment of a temporary telephone phone number for routing the call request to the destination mobile device).

Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to apply the teaching of Doshi ‘991 into the system of Liu '384, since Doshi '991 recited the motivation in the paragraph [0007] which enables the circuit switched portion of a call to be minimized.

Regarding to claim 3 , Liu ‘384 disclose capturing the receiving mobile telecommunication device number at the message server (page 4, paragraph [0033] [0034) correlates telephone number with IP address and port number, paragraph [0035, the directory server determines the IP address and port number and assigns the telephone number).

Regarding claim 4 , Liu ‘384 disclose the step of storing the receiving mobile telecommunication device number in the message server database (page 4, paragraph [0033] [0034) correlates telephone number with IP address and port number, paragraph [0035, the directory server determines the IP address and port number and assigns the telephone number).

Regarding to claim 5 , Liu ‘384 disclose wherein the phone number is assigned (correlates telephone number to IP address and port number) based on the IP address and port number of the computer and the receiving mobile telecommunication device

number (page 4, paragraph [0033] [0034) correlates telephone number with IP address and port number, paragraph [0035, the directory server determines the IP address and port number and assigns the telephone number).

However, Liu '384 are silent to disclosing wherein the temporary phone number is assigned based on the IP address and port number of the computer.

Doshi '991 disclose wherein the temporary phone number is assigned the computer ([0056] assignment of a temporary telephone phone number for routing the call request to the destination mobile device).

Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to apply the teaching of Doshi '991 into the system of Liu '384, since Doshi '991 recited the motivation in the paragraph [0007] which enables the circuit switched portion of a call to be minimized.

Regarding to claim 6 , Liu '384 disclose at the message server receiving a message from a mobile telecommunication device sent to a phone number of the message server, capturing the message and phone number, using the database to match the phone number to a computer IP address and port number, add sending the message to the computer with the matching IP address and port number (page 4, paragraph [0034] [0035) correlates telephone number with IP address and port number, paragraph [0035, the directory server determines the IP address and port number and assigns the telephone number).

However, Liu ‘384 are silent to disclosing assigning temporary phone number to the computer.

Doshi ‘991 disclose assigning temporary phone number to the computer ([0056] assignment of a temporary telephone phone number for routing the call request to the destination mobile device).

Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to apply the teaching of Doshi ‘991 into the system of Liu '384, since Doshi '991 recited the motivation in the paragraph [0007] which enables the circuit switched portion of a call to be minimized.

Regarding claim 7, Liu ‘384 disclose the step of at the message server capturing the receiving .a mobile telecommunication device number (page 4, paragraph [0034] [0035) correlates telephone number with IP address and port number, paragraph [0035, the directory server determines the IP address and port number and assigns the telephone number).

Regarding to claim 8, Liu ‘384 disclose the step of at the message server using the database to match the phone number to a computer IP address and port number and to the receiving mobile telecommunication: device number (page 4, paragraph [0034] [0035) correlates telephone number with IP address and port number, paragraph [0035, the directory server determines the IP address and port number and assigns the telephone number).

However, Liu ‘384 are silent to disclosing assigning temporary phone number to the computer.

Doshi ‘991 disclose assigning temporary phone number to the computer ([0056] assignment of a temporary telephone phone number for routing the call request to the destination mobile device).

Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to apply the teaching of Doshi ‘991 into the system of Liu '384, since Doshi '991 recited the motivation in the paragraph [0007] which enables the circuit switched portion of a call to be minimized.

Regarding claim 11, Liu ‘384 disclose a message server (figure 1, directory server 18) arranged to: capture an IP address and port number of a computer (figure 1, (P.N client 28 (ab), P.N client 28 (ba), Tel 31, Internet client 22a, 22b, 22c) sending a message to a
mobile telecommunication device ((P.N client 28 (ab), P.N client 28 (ba), Tel 31, Internet client 22a, 22b, 22c), capture the message send by the computer; assign ([0034] [0035] correlates the IP address and port number with ten digit telephone number) a phone number to the IP address and port number of the
computer, store the temporary phone number, IP address of the computer and port number of the computer in a database, and send the message to file mobile telecommunication device with the phone number (page 4, paragraph [0034) correlates

telephone number with IP address and port number, paragraph [0035, the directory server determines the IP address and port number and assigns the telephone number).

However, Liu '384 are silent to disclosing sending a message to a mobile telecommunication device via a web site and assigning temporary telephone number.

Doshi '991 disclose sending a message to a mobile telecommunication device via a web site and assigning temporary telephone number ([0046] web browser, web server the user uses the web browser to access the web server), and assigning temporary telephone number to the computer ([0056] assignment of a temporary telephone phone number for routing the call request to the destination mobile device).

Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to apply the teaching of Doshi '991 into the system of Liu '384, since Doshi '991 recited the motivation in the paragraph [0007] which enables the circuit switched portion of a call to be minimized.

Regarding to claim 12, Liu '384 disclose the limitations of claim 11 above.

However, Liu '384 are silent to disclosing wherein the web site is provided by a telecommunication service provider.

Doshi '991 disclose wherein the web site is provided by a telecommunication service provider ([0046] web browser, web server the user uses the web browser to access the web server) ([0056] assignment of a temporary telephone phone number for routing the call request to the destination mobile device).

Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to apply the teaching of Doshi ‘991 into the system of Liu '384, since Doshi '991 recited the motivation in the paragraph [0007] which enables the circuit switched portion of a call to be minimized.

Regarding claim 13, Liu ‘384 disclose the limitations of claim 11 above.

However, Liu ‘384 are silent to disclosing wherein a set number of temporary phone numbers are available for assigning by the message server.

Doshi ‘991 disclose wherein a set number of temporary phone numbers are available for assigning by the message server ([0056] assignment of a temporary telephone phone number for routing the call request to the destination mobile device).

Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention to apply the teaching of Doshi ‘991 into the system of Liu '384, since Doshi '991 recited the motivation in the paragraph [0007] which enables the circuit switched portion of a call to be minimized.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHUONG T. HO whose telephone number is (571)272-3133. The examiner can normally be reached on 8:00 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, EDAN ORGAD can be reached on (571) 272-7884. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

12/14/08

/Edan Orgad/
Supervisory Patent Examiner, Art Unit 2419